

PROJECT DESCRIPTION

I. GENERAL

This project involves the modification of five existing Traffic Control Signals in Queen Anne's County. Opticom pre-emption will be added at the following intersections:

- 1.) US 50 @ MD 213 (EB & WB) US 50
- 2.) US 50 @ MD 404 (EB) US 50
- 3.) MD 8 @ Bay City RD (NB and SB) MD 8
- 4.) MD 8 @ Ramp from EB US 50 (EB Ramp from US 50)
- 5.) MD 8 @ MD 18/Skipjack Pkwy (NB MD 8)

II. INTERSECTION OPERATION

1. The addition of a pre-emption phase at each of the above signalized intersections will be the only modifications completed as part of this project.

III. SPECIAL NOTES

1. The Contractor shall be responsible for terminating all signal cables to the appropriate terminals and shall properly label each cable.
2. All controller cabinet wiring will be performed by the S.H.A. Signal Shop. Contact Mr. Ed Rodenhizer at (410) 787-7650 seventy-two hours in advance of intended work.
3. All underground and overhead utilities shown on these plans are schematic only and may not be complete. The Contractor shall be responsible for notifying Miss Utility prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal will occur, the Contractor shall notify the Project Engineer immediately so that the conflict may be resolved.

A) EQUIPMENT TO BE SUPPLIED BY S.H.A.

ITEM NO.	DESCRIPTION	QUANTITY
9000	Relay Package	1 EA
9001	Detector rack power supply (To be installed by SHA forces)	1 EA
9016	Detector amplifier 4-channel rack mount (To be installed into the existing cabinet by SHA forces)	2 EA
9046	Detector rack retrofit	1 EA

TO BE CHARGED TO  
S.H.A. AREAWIDE  
DETECTOR RETROFIT  
NUMBER

B) EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	DESCRIPTION	QUANTITY
1001	Maintenance of Traffic	1 EA
8016	F&I 3M #764 Discriminator Module	4 EA
8018	F&I Opticom Detector Eye No. 721	7 EA
8056	F&I 4 Cond. Opticom Detector Cable	1390 L.F.

C) EQUIPMENT TO BE REMOVED BY THE CONTRACTOR

ITEM NO.	DESCRIPTION	QUANTITY
No signal materials are to be removed by the contractor		

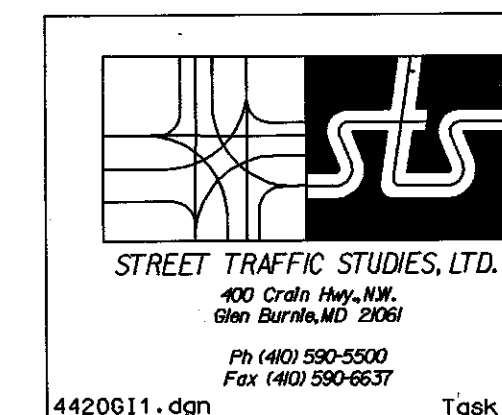
The contact persons for District #2 are as follows:

Mr. Robert Kiel  
Assistant District Engineer - Traffic  
Phone: (410) 810-3240

Mr. Terry Wright  
Assistant District Engineer - Maintenance  
Phone: (410) 810-3250

Mr. Barry Clothier  
Assistant District Engineer - Utility  
Phone: (410) 810-3060

Mr. Richard L. Daff, Sr.  
Chief, Traffic Operations Division  
Phone: (410) 787-7630



<b>MARYLAND DOT - STATE HIGHWAY ADMINISTRATION</b> <b>Office of Traffic &amp; Safety</b> <b>TRAFFIC ENGINEERING DESIGN DIVISION</b> <b>OPTICOM - VARIOUS LOCATIONS</b>			
DRAWN BY: J. ALLEN Jr.	F.A.P. NO.	TS NO.	SHEET NO.
CHECKED BY:	S.H.A. NO. 106518		8 OF 8
SCALE: NONE	COUNTY: QUEEN ANNE'S	T.I.M.S. NO. F621	
DATE: 5-19-03	LOG MILE:		